

Appl. No. 10/710,264  
Amdt. dated August 29, 2006  
Reply to Office action of July 21, 2006

#### **REMARKS/ARGUMENTS**

1. Rejection of claims 1-29 under 35 U.S.C. 112, second paragraph:

Claims 1-29 are rejected under 35 U.S.C. 112, second paragraph for failing to particularly point out and distinctly claim the subject matter which applicants regards as  
5 the invention.

Applicant has repeatedly used the phrase "aligning data transmitting timing of a plurality of lanes" in both the specification and the claims. Based on the applicant's disclosure, the examiner recommends amending all instances of the phrase to read as  
10 "aligning the data at a receiver by adjusting the transmission time for a plurality of lanes", or something similar.

#### **Response:**

The specification and the claims have been amended to correct this indefinite  
15 language. A substitute specification, including both a marked copy and a clean copy, has been presented due to the extensive changes made to the specification. Acceptance of the amended specification and claims is respectfully requested.

2. Rejection of claims 24-29 under 35 U.S.C. 102(e):

Claims 24-29 are rejected under 35 U.S.C. 102(e) as being anticipated by Schanke et al. (US 2004/0228429).  
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#### **Response:**

The applicant would like to point out the patentable differences between the  
25 limitations contained in independent claim 24 and Schanke. Schanke teaches in paragraph [0008] "The present invention further aims to provide a system operable to perform lane alignment by adding or deleting skip symbols to skip sequences of received data."

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Schanke also teaches this idea in paragraphs [0014] and paragraphs [0095]-[0097].

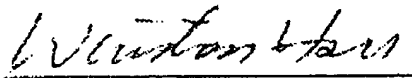
On the other hand, claim 24 recites "aligning the transmitted data by **adjusting transmission timing** for each lane according to a transmitting status of a test data set on  
5 each lane." The present invention does not rely on adding, deleting, or skipping symbols for adjusting the transmission timing, as is taught by Schanke.

For these reasons, Schanke fails to teach all of the limitations contained in claim 24,  
and claim 24 is patentable over the cited prior art. Claims 25-29 are dependent on claim  
10 24, and should be allowed if claim 24 is allowed. Reconsideration of claims 24-29 is therefore respectfully requested.

Applicant respectfully requests that a timely Notice of Allowance be issued in this  
case.

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Sincerely yours,



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25 Note: Please leave a message in my voice mail if you need to talk to me. (The time in D.C. is 12 hours behind the Taiwan time, i.e. 9 AM in D.C. = 9 PM in Taiwan.)